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Cabinet
Soc dev.

[Misc. publ.]
1974 [1]

Government
Publications

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Background studies on day care.
(less. pag. 81)

THE EFFECTS OF JUNIOR KINDERGARTEN ON
ACHIEVEMENT: THE FIRST FIVE YEARS

APPENDIX



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Research Department



THE BOARD OF EDUCATION

FOR THE CITY OF TORONTO

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THE EFFECTS OF JUNIOR KINDERGARTEN ON
ACHIEVEMENT: THE FIRST FIVE YEARS

APPENDIX

JUDITH A. PALMER

June 1966



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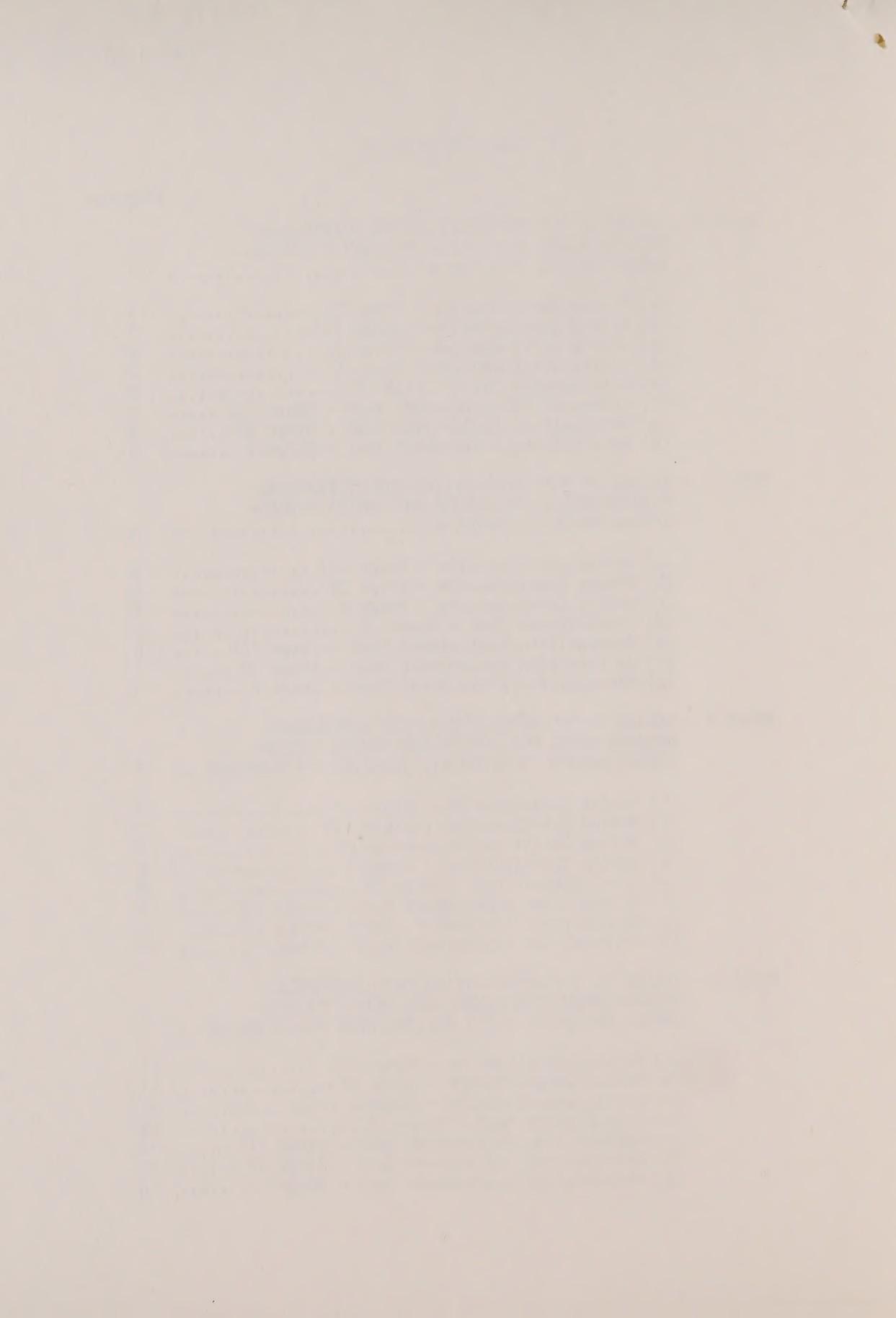


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Special Note: All tests of significance are two-tailed tests.

TABLE 1

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1

TABLE 1 (a) - RATING QUESTIONNAIRE - STAGE II

Questionnaire Subsections	(N = 547)	"t"
Language		3.924**
Social		2.915**
Mental		3.589**
Physical		4.829**
Emotional		3.621**
Language and Mental		3.933**
Total		4.341**

TABLE 1 (b) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subsections	(N = 523)	"t"
Language		3.288**
Social		3.311**
Mental		3.608**
Physical		4.191**
Emotional		2.347**
Language and Mental		3.681**
Total		3.897**

* Significant at less than .05

** Significant at less than .01

TABLE 1

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1

TABLE 1 (c) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	(N = 469)	"t"
Language		3.046**
Social		3.487**
Mental		3.316**
Physical		2.437**
Emotional		2.652**
Language and Mental		3.268**
Total		3.354**

TABLE 1 (d) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	(N = 510)	"t"
Adjustment		2.021*
Performance		2.206*
Creativity		2.468*
Prediction		2.778**
Subtotal		2.457*
Total		2.536*

TABLE 1 (e) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	(N = 510)	"t"
Otis I. Q.		3.225**

* Significant at less than .05

** Significant at less than .01

TABLE 1

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1

TABLE 1 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	(N = 521)	"t"
Word Knowledge		1.563
Word Discrimination		2.149**
Reading		2.741**
Arithmetic		2.524*

TABLE 1 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	(N = 433)	"t"
Word Knowledge		1.901
Word Discrimination		1.591
Reading		1.551
Spelling		1.394
Arithmetic A		3.151**
Arithmetic B		2.439*
Arithmetic A and B		3.270**

TABLE 1 (h) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	(N = 393)	"t"
Word Knowledge		2.491*
Word Discrimination		2.444*
Reading		2.263*
Spelling		2.085*
Language A		1.556
Language B		1.273
Language A and B		1.473
Arithmetic Comprehension		1.540
Arithmetic Problem Solving		1.967*

* Significant at less than .05

** Significant at less than .01

TABLE 2

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2

TABLE 2 (a) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subsections	(N = 459)	"t"
Language		-.686
Social		.912
Mental		-.880
Physical		.870
Emotional		-.672
Language and Mental		-.836
Total		-.387

TABLE 2 (b) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	(N = 353)	"t"
Language		1.050
Social		2.865**
Mental		1.717
Physical		1.147
Emotional		1.578
Language and Mental		1.358
Total		1.746

* Significant at less than .05

** Significant at less than .01

TABLE 2

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2

TABLE 2 (c) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsection	(N = 354)	"t"
Adjustment		1.029
Performance		.658
Creativity		1.328
Prediction		.167
Subtotal		1.060
Total		.990

TABLE 2 (d) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	(N = 387)	"t"
Otis I. Q.		1.086

* Significant at less than .05

** Significant at less than .01

TABLE 2

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2

TABLE 2 (e) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	(N = 430)	"t"
Word Knowledge		-3.109**
Word Discrimination		-2.162*
Reading		-1.211
Spelling		-1.160

TABLE 2 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	(N = 360)	"t"
Word Knowledge		-2.408*
Word Discrimination		-2.919**
Reading		-2.161*
Spelling		-2.094*
Arithmetic A		-.350
Arithmetic B		.747
Arithmetic A and B		.050

TABLE 2 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	(N = 317)	"t"
Word Knowledge		-.457
Word Discrimination		.030
Reading		-.127
Spelling		-1.284
Language A		-1.454
Language B		-1.012
Language A and B		-1.647
Arithmetic Comprehension		-.618
Arithmetic Problem Solving		-.493

* Significant at less than .05

** Significant at less than .01

TABLE 3

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR LANGUAGE

TABLE 3 (a) - RATING QUESTIONNAIRE - STAGE II

Questionnaire Subsections	English (N = 392)	English - Bilingual (N = 142)
Language	2.633**	3.357**
Social	2.782**	1.157
Mental	2.233*	3.371**
Physical	3.349**	3.651**
Emotional	2.118*	3.581**
Language and Mental	2.515*	3.632**
Total	2.890**	3.822**

TABLE 3 (b) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subsections	English (N = 370)	English - Bilingual (N = 142)
Language	2.487*	2.673**
Social	2.723**	2.086*
Mental	3.009**	2.117*
Physical	4.996**	.541
Emotional	2.441*	1.540
Language and Mental	2.957**	2.518*
Total	3.352**	2.260*

* Significant at less than .05

** Significant at less than .01

TABLE 3

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR LANGUAGE

TABLE 3 (c) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	English (N = 325)	English - Bilingual (N = 137)
Language	2.740**	1.515
Social	3.293**	1.476
Mental	3.239**	1.207
Physical	2.308*	1.010
Emotional	2.686**	.759
Language and Mental	3.026**	1.465
Total	3.154**	1.409

TABLE 3 (d) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	English (N = 365)	English - Bilingual (N = 135)
Adjustment	1.932	.481
Performance	1.684	1.310
Creativity	2.514*	.991
Prediction	2.352*	1.577
Subtotal	2.219*	1.035
Total	2.275*	1.105

TABLE 3 (e) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	English (N = 359)	English - Bilingual (N = 140)
Otis I. Q.	2.657**	1.683

* Significant at less than .05

** Significant at less than .01

TABLE 3

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR LANGUAGE

TABLE 3 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	English (N = 370)	English - Bilingual (N = 141)
Word Knowledge	1.261	.898
Word Discrimination	1.810	.863
Reading	2.394*	1.154
Arithmetic	2.108*	2.014*

TABLE 3 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	English (N = 307)	English - Bilingual (N = 117)
Word Knowledge	1.894	.262
Word Discrimination	1.720	.104
Reading	1.566	.252
Spelling	1.768	-.430
Arithmetic A	3.394**	.253
Arithmetic B	2.383*	.332
Arithmetic A and B	3.457**	.288

* Significant at less than .05

** Significant at less than .01

TABLE 3

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR LANGUAGE

TABLE 3 (h) - METROPOLITAN ACHIEVEMENT TEST - V

Subsections of M. A. T.	English (N = 281)	English - Bilingual (N = 107)
Word Knowledge	1.691	1.945
Word Discrimination	2.312*	.902
Reading	2.062*	1.133
Spelling	1.817	.987
Language A	.400	2.800**
Language B	.949	.801
Language A and B	1.065	1.084
Arithmetic Comprehension	1.636	.052
Arithmetic Problem Solving	1.458	1.433

* Significant at less than .05

** Significant at less than .01

TABLE 4

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR LANGUAGE

TABLE 4 (a) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subsections	English (N = 351)	English - Bilingual (N = 98)
Language	.070	-1.674
Social	1.120	-.114
Mental	.532	-2.464*
Physical	2.263*	-1.853
Emotional	.324	-1.824
Language and Mental	.325	-2.227*
Total	.718	-1.966

TABLE 4 (b) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	English (N = 274)	English - Bilingual (N = 73)
Language	1.798	-.853
Social	3.147**	.453
Mental	2.563*	-.706
Physical	1.324	-.170
Emotional	1.708	.263
Language and Mental	2.163*	-.820
Total	2.345*	-.397

* Significant at less than .05

** Significant at less than .01

TABLE 4

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR LANGUAGE

TABLE 4 (c) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	English (N = 286)	English - Bilingual (N = 65)
Adjustment	.670	1.014
Performance	1.096	- .677
Creativity	1.242	.671
Prediction	.423	- .273
Subtotal	1.111	.254
Total	1.063	.205

TABLE 4 (d) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	English (N = 297)	English - Bilingual (N = 72)
Otis I. Q.	.881	.281

* Significant at less than .05

** Significant at less than .01

TABLE 4

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR LANGUAGE
TABLE 4 (e) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	English (N = 332)	English - Bilingual (N = 89)
Word Knowledge	-2.891**	-1.214
Word Discrimination	-2.181*	- .096
Reading	-1.106	- .426
Arithmetic	- .708	-1.155

TABLE 4 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	English (N = 282)	English - Bilingual (N = 73)
Word Knowledge	-2.514*	- .352
Word Discrimination	-3.214**	.148
Reading	-2.294*	- .132
Spelling	-2.671**	.633
Arithmetic A	- .509	.422
Arithmetic B	.386	.911
Arithmetic A and B	- .297	.859

* Significant at less than .05
** Significant at less than .01

TABLE 4

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR LANGUAGE

TABLE 4 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	English (N = 256)	English - Bilingual (N = 57)
Word Knowledge	-.410	-.172
Word Discrimination	.260	-.852
Reading	.097	-.461
Spelling	-.1.314	-.048
Language A	-.1.300	-.771
Language B	-.600	-.1.257
Language A and B	-.1.273	-.1.361
Arithmetic Comprehension	-.510	-.218
Arithmetic Problem Solving	-.129	-.813

* Significant at less than .05

** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (a) - RATING QUESTIONNAIRE - STAGE II

Questionnaire Subsections	Educational Outcomes				
	LOW (N = 20)	0 (N = 272)	1 (N = 136)	2 (N = 49)	HIGH (N = 13)
Language	1.763	3.056**	2.426*	.168	.532
Social	*.157	1.720	2.283**	.730	-.248
Mental	1.806	2.359*	2.589*	.658	-.069
Physical	*.619	4.856**	2.159*	-.546	-.826
Emotional	*.422	2.381**	1.797	.238	-.112
Language and Mental	1.927	2.769**	2.682**	.792	.160
Total	1.852	3.269**	2.857**	.390	-.054

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (b) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subscales	Educational Categories				
	LOW (N = 26)	1 (N = 216)	2 (N = 176)	3 (N = 45)	HIGH (N = 7)
Language	2.311*	2.413*	1.826	- .036	.640
Social	1.438	2.113*	2.262*	- .631	.168
Mental	2.665**	1.854	3.377**	- .363	- .123
Physical	.661	2.585*	3.218**	1.550	1.019
Emotional	.862	1.551	2.978**	.181	- .296
Language and Mental	2.625*	2.234*	2.825**	- .205	.169
Total	1.973	2.326*	3.172**	.202	.129

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 5

VALUES OF t_{ut} REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (c) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Score Categories	Educational Categories			
	LOW 0 (N = 25)	1 (N = 182)	2 (N = 176)	HIGH 3 (N = 43) 5 (N = 13)
Language	1.250	1.578	2.559*	1.261
Social	1.456	1.984*	2.964**	1.221
Mental	2.095*	1.678	2.746**	1.373
Physical	1.467	1.683	1.992*	1.274
Emotional	.226	2.177*	1.437	1.975
Language and Mental	1.627	1.669	2.728**	1.252
Total	1.294	1.931	2.699**	1.335

CODE

- 0 = Did Not Complete Public School
- 1 = Completed Public School
- 2 = Entered Secondary School
- 3 = Completed Secondary School
- 5 = Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (d) - RATING QUESTIONNAIRE - STAGE V

	Educational Categories				
	LOW	1	2	3	HIGH
Questionnaire	(N = 25)	(N = 214)	(N = 173)	(N = 38)	(N = 14)
Adjustment	-.375	1.058	1.462	.865	.667
Performance	.982	.619	1.650	1.245	1.073
Creativity	.726	1.097	1.210	1.959	1.124
Prediction	1.737	.404	2.529*	1.381	.586
Susceptibility	.262	.368	1.674	1.398	1.059
Total	.615	.931	1.788	1.412	1.035

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KLEIDERGREN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (e) - INTELLIGENCE TEST - STAGE IV

	<u>Educational Categories</u>				
	LOW (N = 24)	0 (N = 210)	1 (N = 179)	2 (N = 43)	HIGH (N = 14)
Intelligence Test					
Otis I. Q.	1.109	2.150*	1.654	2.007	.361

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered High School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	Educational Categories				
	LOW (N = 25)	0 (N = 212)	1 (N = 181)	2 (N = 44)	HIGH (N = 11)
Word Knowledge	.898	*.573	2.189*	-1.127	1.555
Word Discrimination	1.414	1.254	3.037**	-.520	.844
Reading	*.471	1.548	2.348*	.534	1.272
Arithmetic	1.500	1.532	2.097*	-.103	-.374

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	Educational Categories		
	0 (N = 21)	1 (N = 179)	2 (N = 151)
Word Knowledge	.085	1.580	1.847
Word Discrimination	1.391	.813	1.969
Reading	.853	.616	2.035*
Spelling	-.369	.820	2.600**
Arithmetic A	.817	1.760	2.765**
Arithmetic B	.603	1.357	2.077*
Arithmetic A and B	.837	1.573	3.067**

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR YOUNGADOLEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (h) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	Educational Categories				
	LOW 0 (N = 17)	1 (N = 163)	2 (N = 136)	3 (N = 32)	HIGH 5 (N = 13)
Word Knowledge	.761	1.491	2.206*	1.111	.447
Word Discrimination	0	2.086*	1.654	1.081	.817
Reading	.099	1.852	2.459*	1.178	.543
Spelling	.754	1.772	2.413*	.302	-.185
Language A	2.206*	1.229	1.203	.138	-.147
Language B	2.129	1.377	.888	-.265	.670
Language A and B	2.310*	1.136	1.202	-.054	.459
Arithmetic Comprehension	1.120	.727	1.179	-.117	.639
Arithmetic Problem Solving	.977	1.860	1.938	-.366	.544

NOTE:

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 6

VALUES OF t TESTS REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KIDS IN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (a) - RATING QUESTIONNAIRE - STAGE III

	<u>Educational Categories</u>				
	0	1	2	3	5
Age					
Junior					
(N = 12)					
Senior					
(N = 185)					
Language	- .933	- 1.757	.706	- .347	.255
Social	- 1.106	- .962	1.283	1.568	.631
Mental	- .882	- 2.841**	1.537	- .656	1.029
Physical	- .868	- .868	1.350	1.058	1.056
Emotional	- .871	- 2.087*	1.261	- .157	- .212
Language and Mental	- .937	- 2.488*	1.190	- .538	.656
Total	- 1.029	- 2.203*	1.390	.022	.586

ICDE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 6

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (b) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	Educational Categories				
	LOW 0 (N = 11)	1 (N = 135)	2 (N = 131)	3 (N = 49)	HIGH 5 (N = 25)
Language	- .326	- .583	.713	1.145	2.341*
Social	.359	1.517	1.120	1.257	2.676*
Mental	- .343	.260	1.047	.559	3.698**
Physical	.105	.623	.330	.805	.898
Emotional	- .083	1.356	.282	1.321	.302
Language and Mental	- .345	- .242	.865	.938	3.002**
Total	- .153	.438	.812	1.174	2.479*

CONC.

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05
 ** Significant at less than .01

TABLE 6

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (c) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	Educational Categories				
	LOW (N = 12)	1 (N = 138)	2 (N = 127)	3 (N = 48)	HIGH 5 (N = 27)
Adjustment	3.742**	-.020	.240	.412	1.342
Performance	1.584	-1.632	1.059	.653	1.728
Creativity	1.558	.125	1.102	.754	.211
Prediction	2.017	-1.775	1.253	-.113	.464
Subtotal	2.507*	-.706	.893	.675	1.442
Total	2.484*	-.817	.940	.602	1.395

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 6

VALUES OF t_{tu} REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (a) - INTELLIGENCE TEST - STAGE IV

		<u>Educational Categories</u>				
		LOW	1	2	3	HIGH
Intelligence Test		(N = 5)	(N = 131)	(N = 133)	(N = 53)	(N = 24)
Otis I. Q.		.799	1.399	.547	-.560	.162

NOTE:

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 6

VALUES OF $n_{4,11}$ REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (e) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	<u>Educational Categories</u>		(N = 58)	(N = 24)
	LOW	HIGH		
	0	5		
Word Knowledge	.275	-2.141*	.180	-2.445*
Arithmetic	-.146	-1.609	-1.310	-1.139
Reading	-.373	-.624	-.605	-.140
Arithmetic	.286	-.933	.370	-.885

SCE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 6

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHER'S EDUCATION

TABLE 6 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	Educational Isolates				
	LOW (N = 10)	0 (N = 151)	1 (N = 125)	2 (N = 50)	HIGH 5 (N = 23)
Word Knowledge	.035	-2.180*	-2.180*	-.790	-1.369
Word Discrimination	.628	-1.891	-1.581	-2.262	-.172
Reading	.369	-1.852	-.793	-1.837	1.341
Spelling	.515	-1.517	-1.088	-2.097*	1.964
Arithmetic A	.875	-1.596	1.324	-1.392	1.742
Arithmetic B	.990	-.825	1.450	-.196	2.478*
Arithmetic A and B	1.146	-1.483	1.390	-.939	2.296*

SC

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 6

VALUES OF t IN REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	Educational Categories				
	LOW (N = 8)	0 (N = 121)	1 (N = 116)	2 (N = 46)	HIGH 5 (N = 24)
Word Knowledge	- .779	- 1.404	.674	- .793	1.287
Word Discrimination	- .608	- .909	.976	- .677	.962
Reading	- .763	- 1.634	1.187	- .306	1.003
Spelling	1.234	- 2.408*	- .341	.125	.020
Language A	.187	- 1.416	- .271	- 1.157	.371
Language B	.950	- 1.933	1.037	- 1.625	-.370
Language A and B	.847	- 2.208*	.437	- 1.564	-.168
Arithmetic Comprehension	2.130	- 1.937	- .064	-.370	1.536
Arithmetic Problem Solving	1.361	- .873	.047	- 1.200	.978

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 7

VALUES OF " t " REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (e) - RATING QUESTIONNAIRE - STAGE II

Questionnaire Subsections	Educational Categories		
	LOW 0 (N = 34)	1 (N = 196)	HIGH 3 (N = 61)
Language:	1.232	2.174*	2.550*
Social	- .451	1.094	2.758**
Mental	.162	1.643	2.475*
Physical	0	4.271**	2.529*
Emotional	.310	2.100*	1.355
Learnsage & Mental	.624	1.955	2.638**
Total	.650	2.398*	2.738**

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 7

VALUES OF " t " REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION
BY AGE - OR - MOTHER'S QUESTIONNAIRE - STATE TEST

Questionnaire Responses	Education Categories		
	0 (N = 35)	1 (N = 127)	2 (N = 201)
Total	- .501	1.659	4.344**
Age	- .078	1.456	3.151**
1	- .162	1.505	3.550**
2	.107	1.490	4.057**
3	- 1.084	2.222*	4.956**
High School	- 1.055	1.122	3.581**
Elementary	.025	1.483	3.890**
Language and Mental			
Total	- .501	1.659	4.344**

CODE

0 - Did Not Complete Public School

1 - Completed Public School

2 - Entered Secondary School

3 - Completed Secondary School
NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 7

VALUES OF "n" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (c) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	Educational Categories		
	LOW (N = 30)	MEDIAN (N = 172)	HIGH (N = 60)
Language	1.049	1.626	1.623
Social	.844	1.567	2.406*
Verbal	.522	1.532	2.238**
Physical	.557	1.564	2.351*
Emotional	.553	1.202	2.223*
Language and Motor	.522	1.640	2.042**
Total	1.312	2.750**	2.445

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 7

VALUES OF Σ^2 REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR MOTHERS' EDUCATION AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (d) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	Education Categories		
	LOW 0	M 1	HIGH 3
(N = 35)	(N = 179)	(N = 203)	(N = 56)
Adjustment	- .558	.944	1.339
Performance	- .247	.241	1.550
Progress	- .171	.429*	2.133
Prediction	- .432	.504	1.569
Subtotal	- .387	.588	1.740
Total	- .313	.812	1.780
Σ^2	.252%	.252%	.252%

NOTE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 7

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (e) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	Educational Categories		
	LOW 0	1	2
	(N = 31)	(N = 182)	(N = 201)
Otis I. Q.	- .242	1.899	2.653**
NOTE			.582

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 7

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
MOTHER AND SON IN FIVE EDUCATIONAL GROUPS IN MATCH #1, ISOLATED FOR MOTHER'S EDUCATION

TABLE 7 (F) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	Educational Categories		
	LOW 0	1	2
(N = 27)	(N = 194)	(N = 199)	(N = 61)
Word Knowledge	-1.305	1.119	.869
Word Discrimination	.265	1.506	1.597
Reading	-.519	1.629	1.922
Arithmetic	-1.330	1.790	1.895
			.440

NOTE:

0 - Did Not Complete Public School

1 - Completed Public School

2 - Entered Secondary School

3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 7

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	Educational Categories		
	LOW 0 (N = 26)	1 (N = 151)	HIGH 2 (N = 172) 3 (N = 56)
Word Knowledge	- .057	1.183	.939
Word Discrimination	.903	.919	.587
Spelling	-.525	-.515	.545
Arithmetic A	-.136	.944	1.050
Arithmetic B	-.445	1.394	1.662
Arithmetic A and B	-.202	1.395	1.334
	.247	1.909	1.836

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 7

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #5, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (h) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	Educational Categories		
	LOW (N = 21)	MEDIAN (N = 136)	HIGH (N = 165)
Word Knowledge	1.895	.342	2.273*
Word Discrimination	*.971	.608	1.734
Reading	*.426	.258	2.604*
Spelling	2.186*	.294	2.359**
Language A	1.314	- .157	2.006*
Language B	*.571	- .066	2.087*
Language A and B	*.911	- .728	2.558*
Arithmetic Comprehension	*.057	.215	3.027**
Arithmetic Problem Solving	- .319	.920	2.492*

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 8

VALUES OF " t_b " REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATHE #2, ISOLATED FOR MOTHERS' EDUCATION

TABLE 8 (a) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Directions	Educational Categories		
	LOW 0 (N = 18)	1 (N = 172)	HIGH 2 (N = 187) 3 (N = 75)
Language	- .515	- .144	- .782
Social	- 1.008	* .017	.852
Mental	- .627	- 1.095	- .313
Physical	- .959	* .340	.697
Emotional	- 1.034	- .925	.042
Language and Mental	- .609	- .717	- .578
Total	- .864	- .589	- .107
			.555

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 8

VALUES OF "t_n" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR MOTHERS' EDUCATION

TABLE 8 (b) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	Educational Categories		
	LOW 0 (N = 14)	1 (N = 119)	HIGH 3 (N = 148)
Language	.225	-.166	.094
Social	1.010	*.773	1.266
Mental	.305	*.637	*.242
Physical	*.442	*.208	1.108
Emotional	1.246	*.558	*.484
Language and Mental	.262	*.157	*.160
Total	.640	.347	.535
CODE			

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 8

VALUES OF t_{df} REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATH #2, ISOLATED FOR MOTHERS' EDUCATION

TABLE 8 (c) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subscales	Educational Categories		
	LOW 0	1	HIGH 3
	(N = 16)	(N = 121)	(N = 148)
Adjustment	2.657*	.367	.096
Performance	1.403	-1.278	.626
Originality	1.783	-.074	1.616
Prediction	1.861	-.483	-.374
Subtotal	2.396*	-.446	.786
Total	2.373*	-.456	.683
			.817

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 8

VALUES OF t_{ms} * REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR MOTHERS' EDUCATION

TABLE 8 (d) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	Educational Categories		
	LOW (N = 6)	1 (N = 106)	HIGH 2 (N = 161) 3 (N = 62)
Otis I. Q.	1.496	.317	.532
CODE			0

— Did Not Complete Public School

— Completed Public School

— Entered Secondary School

— Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 8

VALUES OF t_{ca} REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR MOTHER'S EDUCATION

TABLE 8 (e) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	Educational Categories		
	LOW 0 (N = 17)	1 (N = 156)	HIGH 2 (N = 176) 3 (N = 73)
Word Knowledge	1.139	-1.144	-3.027**
Word Discrimination	.058	*.241	-2.890**
Reading	-.675	-.608	-.811
Arithmetic	.858	-.1.539	-.1.063

C.J.L.

0 - Did Not Complete Public School

1 - Completed Public School

2 - Entered Secondary School

3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 8

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR YOUTH-CAZIER GROUPS IN MATCH #2, ISOLATED FOR MOTHERS' EDUCATION

TABLE 8 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	Educational Categories		
	LOW (N = 12)	MEDIAN (N = 127)	HIGH (N = 59)
Counting	.049	-1.410	-2.252*
Arithmetic	.251	-.918	-3.175**
Writing	.426	-1.104	-2.575*
Reading	.686	-.786	-2.430*
Spelling	1.616	-1.220	-1.566
Arithmetical	1.024	-.032	-.510
Average	1.522	-.891	1.529
Arithmetical Average	1.522	-.616	1.529

CODE

0 - Did Not Complete Public School

1 - Completed Public School

2 - Entered Secondary School

3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 8

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR MOTHERS' EDUCATION

TABLE 8 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	Educational Categories			
	LOW 0 (N = 9)	1 (N = 109)	2 (N = 137)	HIGH 3 (N = 52)
Word Knowledge	-1.500	.153	-1.145	.557
Word Discrimination	-.673	1.115	-.830	-.012
Reading	-1.156	-1.001	.379	.344
Spelling	.665	-1.020	-1.528	.423
Language A	-.030	-.560	-1.357	-.891
Language B	.531	-1.220	-.431	.035
Language A and B	.403	-1.416	-.964	.506
Average Comprehension	.26159	-1.348	-.465	-.360
Kinesthetic Problem Solving	1.410	-.166	-.639	-.718

CODE

0 - Did Not Complete Public School

1 - Completed Public School

2 - Entered Secondary School

3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (a) - RATING QUESTIONNAIRE - STAGE II

Questionnaire Subscales	(N = 77)	Occupational Categories				(N = 16)	(N = 4)
		1 (N = 194)	2 (N = 158)	3 (N = 90)	4 (N = 90)		
Language	1.673	2.967**	2.122*	1.261	.765	-1.175	
Social	.982	1.787	1.629	1.849	-270	-.404	
Mental	2.973**	1.956	2.202*	.737	.254	-1.762	
Physical	2.886**	3.507**	1.731	2.135*	-249	-4.856*	
Emotional	3.900**	1.820	1.505	1.253	-1.236	-1.260	
Language and Mental	2.598*	2.488*	2.311*	.992	.442	-1.665	
Total	1.352**	2.693**	2.264*	1.472	.036	-1.686	

CODE

- 1 - Isolated Employees
- 2 - Semi-Skilled Employees
- 3 - Skilled Manual
- 4 - Clerical and Sales
- 5 & 6 - Administrative Personnel - Business Managers
- 7 - Higher Executives and Professionals

* Significant at less than .05
** Significant at less than .01

TABLE 9

VALUES OF "n" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
 CUNICK AND COOK WORKGROUPS IN MATCH #1, ISOLATED FOR PATIENTS' OCCUPATION
 TABLE 5 (b) - RATING QUESTIONNAIRE - STAGE 3^a

	Occupational Categories						
	LOW (N = 74)	1 (N = 191)	2 (N = 152)	3 (N = 152)	4 (N = 83)	5 & 6 (N = 13)	HIGH (N = 2)
Questionnaire							
Language	1.268	2.067*	2.175*	-1.198	1.841	-1.000	
Social	.557	.557	2.157*	1.026	.220	1.000	
Mental	1.722	1.652	2.445*	.922	.383	-1.000	
Physical	.851	3.419**	1.459	1.982	.728	0	
Emotional	1.053	1.256	2.330*	.691	.032	-5.000	
Language and Mental	1.571	1.968	2.462*	.420	1.092	0	
Total	1.506	2.197*	2.542*	.796	.693	-1.333	

- 1 - Unskilled Employees
- 2 - Semi-Skilled Employees
- 3 - Skilled Manual
- 4 - Clerical and Sales
- 5 & 6 - Administrative Personnel - Business Managers
- 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
SENIOR AND SENIOR KINZIKAFTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (c) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire	Sub-Scale	Occupation Rating Scale						
		1	2	3	4	5 & 6	(N = 17)	(N = 5)
		(N = 62)	(N = 166)	(N = 145)	(N = 70)	(N = 17)		
Language		.937		2.781**		1.111		.059
Social		.758		2.632**		2.419*		.250
Emotional		.685		2.741*		1.611		.180
Physical		.823		2.987**		0		.161
Emotional		1.404		2.414*		.894		.343
Language and Mental		1.629		2.867**		1.332		-1.372
Language and Mental		1.436		1.034				.588
Total		1.541		1.060		2.998**		-.114
								-.494

- 1 - Unskilled Employees
 2 - Semi-Skilled Employees
 3 - Skilled Manual
 4 - Clerical and Sales
 5 & 6 - Administrative Personnel - Business Managers
 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 9

VALUES OF t_{st} REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR INTERVIEW GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (d) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	Occupational Categories					
	LOW 1	2	3	4	5 & 6	HIGH 7
	(N = 71)	(N = 185)	(N = 148)	(N = 78)	(N = 15)	(N = 5)
Adjustment	1.000	- .050	.950	1.062	- .046	- .492
Performance	1.000	.277	.311	.622	.122	.206
Creativity	1.817	.739	1.003	2.150	- .842	1.425
Innovation	1.000	.282	.264	.310	- .202	.784
Subtotal	1.633	.372	1.802	1.240	- .223	.800
Total	1.725	.380	1.883	1.220	- .224	.810

CIT

- 1 - Unskilled Employees
- 2 - Semi-Skilled Employees
- 3 - Skilled Manual
- 4 - Clerical and Sales
- 5 & 6 - Administrative Personnel - Business Managers
- 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (e) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	Occupational Categories					
	LOW (N = 67)	2 (N = 186)	3 (N = 186)	4 (N = 150)	5 & 6 (N = 79)	HIGH (N = 5)
Otis I. Q.	.776	1.920	2.126*	.904	1.586	-.865
						- .490

Otis I. Q.

- 1 - Unskilled Employees
- 2 - Semi-Skilled Employees
- 3 - Skilled Manual
- 4 - Clerical and Sales
- 5 & 6 - Administrative Personnel - Business Managers
- 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	Occupational Categories					
	LOW (N = 74)	1 (N = 190)	2 (N = 151)	3 (N = 78)	4 (N = 17)	HIGH 7 (N = 3)
Word Knowledge	1.367	.091	.908	.774	.498	1.123
Word Discrimination	1.437	.948	1.266	.552	.742	-.640
Reading	1.532	1.867	1.211	.364	.999	2.500
Arithmetic	1.632	1.228	1.677	.735	.252	-.1286

CODE

- 1 - Unskilled Employees
- 2 - Semi-Skilled Employees
- 3 - Skilled Manual
- 4 - Clerical and Sales
- 5 & 6 - Administrative Personnel - Business Managers
- 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

	Occupational Categories					
	LOW (N = 53)	2 (N = 162)	3 (N = 130)	4 (N = 65)	5 & 6 (N = 16)	HIGH (N = 3)
Word Knowledge	1.423	.326	2.280*	.089	.186	-.537
Word Discrimination	.638	.505	1.651	.618	.138	-.106
Reading	.357	.644	1.534	.216	.592	-.1.992
Spelling	-.488	1.076	.997	.814	.536	.397
Arithmetic A	.289	1.635	2.792**	1.265	.138	-.1.189
Arithmetic B	-.235	1.214	2.378*	1.420	.015	-.1.181
Arithmetic A and B	.068	1.663	3.081**	1.444	.098	-.1.287

C. D. E.

- 1 - Unskilled Employees
- 2 - Semi-Skilled Employees
- 3 - Skilled Manual
- 4 - Clerical and Sales
- 5 & 6 - Administrative Personnel - Business Managers
- 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (h) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	Occupational Categories					
	LOW (N = 51)	1 (N = 142)	2 (N = 111)	3 (N = 66)	4 (N = 66)	HIGH 5 & 6 (N = 14) 7 (N = 4)
word knowledge	2.254*	.907	1.735	.943	.162	-.586
Word Discrimination	1.210	.318	1.878	1.988	.171	.649
Reading	.993	.328	1.951	1.681	.694	-.857
Spelling	.475	.395	2.191*	1.924	-.574	1.321
Language A	1.577	-.550	1.173	2.513*	-.542	-.163
Language B	.094	.935	.216	1.345	-.065	.046
Language A and B	.892	-.025	.733	1.988	-.159	-.184
Arithmetical Comprehension	.520	.424	.815	1.55†	.321	-.1256
Arithmetical Problem Solving	1.936	-.212	1.372	1.361	.134	.187

CODE

1 - Unskilled Employees
2 - Semi-Skilled Employees

3 - Skilled Manual

4 - Clerical and Sales

5 & 6 - Administrative Personnel - Business Managers
7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (a) - RATING QUESTIONNAIRE - STAGE III

	Subsections of M. A. T. (N = 52)	Occupational Categories					
		LOW 1	2	3	4	5 & 6	HIGH 7
Language	- .841	- .149	- .550	- 1.082	1.379	* .631	
Social	- .594	.536	.206	.756	1.494	* .453	
Mental	- 1.565	- .787	- .053	- .975	1.977	* .981	
Physical	- 2.656*	- 1.130	1.559	1.552	1.566	- .250	
Emotional	- 1.481	- .388	.639	- 1.307	1.263	- .040	
Language and Mental	- 1.331	- .527	- .314	- 1.090	1.750	.850	
Total	- 1.528	- .284	.176	- .641	1.831	.610	

CODE

- 1 - Unskilled Employees
- 2 - Semi-Skilled Employees
- 3 - Skilled Manual
- 4 - Clerical and Sales
- 5 & 6 - Administrative Personnel - Business Managers
- 7 - Higher Executives and Professionals

* Significant at less than .05
** Significant at less than .01

TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (b) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	Occupational Categories					
	LOW (N = 37)	2 (N = 97)	3 (N = 107)	4 (N = 77)	5 & 6 (N = 19)	HIGH (N = 16)
Language	.862	-.916	1.015	0	1.312	2.085
Social	1.205	.737	2.047*	.162	1.783	2.776*
Mental	.249	-.218	1.651	-.188	1.529	3.316**
Physical	1.780	-1.287	2.543*	-.962	.059	.645
Emotional	1.557	-.192	1.836	-.311	-.146	1.269
Language and Mental	.618	-.653	1.290	-.077	1.451	2.662*
Total	1.093	-.468	1.770	-.193	1.124	2.530*

S.D.

- 1 - Unskilled Employees
- 2 - Semi-Skilled Employees
- 3 - Skilled Manual
- 4 - Clerical and Sales
- 5 & 6 - Administrative Personnel - Business Managers
- 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
MANUFACTURER AND SERVICE KETTERHAGEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (c) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	Occupational Categories						
	LOW 1 (N = 32)	2 (N = 111)	3 (N = 103)	4 (N = 74)	5 & 6 (N = 16)	7 (N = 18)	HIGH 7 (N = 1)
Adjustment	1.675	-.724	-.466	.928	1.865	1.758	
Performance	-.262	-.018	-.619	.492	2.258*	1.971	
Creativity	1.747	1.204	-.656	1.169	.242	.312	
Friendship	1.035	-.023	-.482	-.181	2.711*	.718	
Subtotal		.051	-.628	.898	1.960	1.729	
Total	1.002	.008	-.622	.803	2.075	1.666	

C.R.

- 1 - Unskilled Employees
- 2 - Semi-Skilled Employees
- 3 - Skilled Manual
- 4 - Clerical and Sales
- 5 & 6 - Administrative Personnel - Business Managers
- 7 - Higher Executives and Professionals

* Significant at less than .05
** Significant at less than .01

TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
TENOR AND STINICK KINDEGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (d) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	Occupational Categories						
	LCI 1	2	3	4	5 & 6	7	
(N = 52)	(N = 189)	(N = 175)	(N = 85)	(N = 18)	(N = 16)		
Otis I. Q.	1.593	.988	.206	-.206	-.537	.579	.849

CODE

- 1 - Sales and Marketing
- 2 - Office and Industrial Employees
- 3 - Skilled Workers
- 4 - Clerical and Sales
- 5 & 6 - Administrative Personnel - Business Managers
- 7 - Higher Executives and Professionals

* Significant at less than .05
** Significant at less than .01

TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (e) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	Comparison Categories			(N = 17)
	LOW (N = 45)	2 (N = 127)	3 (N = 131)	
Word Knowledge	.420	-3.558***	-1.081	-1.409
Word Discrimination	.143	-2.344*	-1.043	-.595
Reading	.566	-2.245*	-.430	.072
Arithmetic	-.162	-.618	-.990	.569
				.299
				.221

CODE

- 1 - Unskilled Employees
- 2 - Semi-Skilled Employees
- 3 - Skilled Manual
- 4 - Clerical and Sales
- 5 & 6 - Administrative Personnel - Business Managers
- 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (F) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	Occupational Categories						
	LOW (N = 41)	1 (N = 107)	2 (N = 108)	3 (N = 73)	4 (N = 73)	5 & 6 (N = 17)	HIGH (N = 14)
Word Knowledge	*1.26	-2.180*		- .535	-2.454*	1.153	-.740
Word Discrimination	-.468	-1.471		-.792	-2.150*	.056	.362
Reading	-.035	-1.411		-1.366	-1.826	1.020	1.103
Spelling	-.503	-1.330		-.794	-2.519*	1.436	1.616
Arithmetic A	0	-.260		-.233	-.104	1.381	.937
Arithmetic B		-.260		-.974	2.172*	-.582	1.266
Arithmetic A and B		.201		-.566	.590	-1.240	1.143

- 1 - Unskilled Employees
 2 - Semi-Skilled Employees
 3 - Skilled Manual
 4 - Clerical and Sales
 5 & 6 - Administrative Personnel - Business Managers
 7 - Higher Executives and Professionals

* Significant at less than .05
 ** Significant at less than .01

TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	LOW		HIGH		(N = 16)
	1 (N = 32)	2 (N = 96)	3 (N = 95)	4 (N = 63)	
Word Knowledge	-1.105	-.204	.007	-1.161	1.233
Word Discrimination	-.188	-.144	.229	-.953	.825
Reading	-1.227	-.007	.345	-1.036	1.520
Spelling	-.358	-.922	.031	-2.099*	.369
Language A	-1.417	-.430	-.801	-1.160	-.438
Language B	-.776	-.075	-1.119	-.196	-.513
Language A and B	-1.320	-.485	-1.193	-.815	-.505
Arithmetic Comprehension	.392	.487	-.524	-2.642*	.750
Arithmetic Problem Solving	.236	.543	-.1.203	-1.236	.766

CODE

- 1 - Unskilled Employees
- 2 - Semi-Skilled Employees
- 3 - Skilled Manual
- 4 - Clerical and Sales
- 5 & 6 - Administrative Personnel - Business Managers
- 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

